Examiner's Amendments

Pursuant to agreement with attorney of record, Examiner amends the claims as follows:

4. A method of tracking a [semantic object] <u>SEMCARD</u> [of] <u>that is one of</u> a plurality of [semantic objects] <u>SEMCARDS in a computing device</u>, the method comprising:

assigning an identifier to the [semantic object] <u>SEMCARD that is one</u> of the plurality of [semantic objects] <u>SEMCARDS in a computer storage element</u>;

in response to receiving an access request to access the [semantic object] <u>SEMCARD</u>, retrieving a set of meta-tags identifying a set of meta-data <u>and storing it in a Relationship SEMCARD</u>;

wherein the set of meta-data<u>, stored in the Relationship SEMCARD,</u> includes one or more rules <u>and policies</u> governing [access] permission<u>s</u> [of] <u>to access</u> the [semantic object] <u>SEMCARD residing in the computer storage element</u>;

responding to the access request based on the identified one or more rules <u>and policies</u> governing access permission<u>s</u> [of] <u>to</u> the [semantic object] <u>SEMCARD residing in the computer storage element</u>; and

[recording] storing, in a computer storage element, the access request to access the [semantic object] SEMCARD.

5. The method of claim 4, wherein the [semantic object] SEMCARD is associated with a creator user and wherein the one or more rules and policies governing access permission are specifiable by the creator user.

6. The method of claim 5, wherein the access request is generated by one or more of the creator user and a second user.

7. The method of claim 4, wherein the set of meta-data, stored in a Relationship SEMCARD, includes one or more display rules and policies governing display properties of the [semantic object] SEMCARD.

8. The method of claim 6, wherein the access request comprises a share request generated by one or more of the creator user and the second user.

9. The method of claim 6, wherein the access request comprises one or more of a view, edit, store, and comment request generated by the second user.

10. The method of claim 4, further comprising determining statistical attributes associated with records of a plurality of access requests of a set of [semantic objects] SEMCARDS of the plurality of [semantic objects] SEMCARDS.

11. The method of claim 10, further comprising, deducing one or more of supply and demand trends based on the statistical attributes associated with records of the plurality of access requests for the set of [semantic objects] SEMCARDS.

12. A method of managing a [semantic] SEMCARD collection in a computing device, the method comprising:

receiving a request to create the [semantic] SEMCARD collection in a computer storage element comprising a set of [semantic objects] SEMCARDS;

creating a semantic link between the set of [semantic objects] SEMCARDS via updating metadata in a Linking SEMCARD associated with the set of [semantic objects] SEMCARDS;

identifying a set of rules and policies to be associated with the [semantic] SEMCARD collection residing in a computer storage element; and

updating the metadata in a Relationship SEMCARD, associated with the set of [semantic objects] SEMCARDS based on the set of rules and policies;

and governing access to the SEMCARDS based on the metadata updated in the Relationship SEMCARD.

13. The method of claim 12, further comprising, semantically linking the [semantic] <u>SEMCARD</u> collection to one or more topics, responsive to receiving a request<u> via a Linking SEMCARD</u>.

14. The method of claim 13, further comprising, automatically semantically linking the set of [semantic objects] <u>SEMCARDS</u> to another set of [semantic objects] <u>SEMCARDS</u> associated with the one or more topics<u> via a Linking SEMCARD</u>.

15. The method of claim 12, further comprising, presenting a visual indication of the semantic link when one or more [semantic objects] <u>SEMCARDS</u> of the set of [semantic objects] <u>SEMCARDS</u> are accessed.

16. The method of claim 15, wherein the accessing comprises one or more of, sharing, browsing, filtering, querying, and viewing the [semantic object] <u>SEMCARD</u>.

17. The method of claim 12, wherein the request to create the [semantic] <u>SEMCARD</u> collection is generated by a creator user.

18. The method of claim 17, wherein the set of rules <u>and policies</u> to be associated with the [semantic] <u>SEMCARD</u> collection is determined by the creator user.

19. The method of claim 18, further comprising, providing a second user with access to a shared [semantic object] SEMCARD of the set of [semantic objects] SEMCARDS of the [semantic] SEMCARD collection responsive to a share request generated by the creator user.

20. The method of claim 19, further comprising, presenting to the second user, a visual indication of the semantic links between the shared [semantic object] SEMCARD and the set of [semantic objects] SEMCARDS of the [semantic] SEMCARD collection.

21. The method of claim 20, further comprising:

receiving link request from the second user, to link a second set of [semantic objects] SEMCARDS to the [semantic] SEMCARD collection via a Linking SEMCARD;

identifying a set of access permission rules and policies of a set of rules and policies governing the [semantic] SEMCARD collection from metadata, stored in a Relationship SEMCARD, associated with the [semantic] SEMCARD collection; and

determining an action towards the link request based on user metadata of the second user and the set of access permission rules and policies.

22. The method of claim 21, further comprising, creating semantic links between the second set of [semantic objects] SEMCARDS and the set of [semantic objects] SEMCARDS when in compliance with the set of access permission rules and policies, via a Linking SEMCARD.

23. A system in a computing device, comprising:

a database in a computer storage element, to store one or more of a set of user metadata associated with a set of users, a set of group metadata associated with a set of user groups, and a set of metadata, stored in a Relationship SEMCARD, associated with a set of [semantic objects] SEMCARDS;

an identity module communicatively coupled to the database, when, in operation, communicates with the database to retrieve the set of user metadata and the set of group metadata, all stored in a Relationship SEMCARD, for management;

an automations module for tracking and enforcing a set of rules and policies associated with the set of [semantic objects] SEMCARDS;

wherein the set of rules and policies associated with the set of [semantic objects] SEMCARDS comprise a set of accessibility rules and policies of one or more of the set of [semantic objects] SEMCARDS by a user of the set of users;

the automations module, when, in operation, communicates with the identity module to determine an accessibility rule of the set of accessibility rules and policies based on user metadata of the user and metadata of the one or more of the set of [semantic objects] SEMCARDS;

a network module, when, in operation, communicates with one or more of, one or more of the set of users, a web page, a network, and a server;

a user interface module, when, in operation, presents a user interface to the user for the user to submit a [request] query; and

a relationship module communicatively coupled to the identity module to manage

relationships between the set of users based on the set of user metadata <u>in the</u>

<u>computer storage element</u>.

24. The system of claim 23, further comprising, a match module communicatively

coupled to the database, when, in operation, determines a conceptual distance between

a first [semantic object] <u>SEMCARD</u> and a second [semantic object] <u>SEMCARD</u> of the

set of [semantic objects] <u>SEMCARDS</u>.

/Wilbert L. Starks, Jr./

Primary Examiner, Art Unit 2129

DETAILED ACTION

Reasons For Allowance

Claims 4-24 are allowed.

The following is an Examiner's statement of reasons for allowance:

Utility: The claims have the practical utility of governing the input/output access to a "SEMCARD collection" (i.e., a type of database) in a computer storage element, as shown in Applicant's Specification on pages 46, 49, 50, 53, 54, 57, and 82.

Further, claims 4-24 are considered allowable since when reading the claims in light of the specification, as per MPEP §2111.01, none of the references of record alone or in combination disclose or suggest the combination of limitations specified in independent claim 4, including:

    a SEMCARD (as defined at pages 21, 27-28, 35-36, 41, 43, 62, and 78),

    a Relationship SEMCARD (as defined at pages 46, 49, 50, and 54),

    a SEMCARD Collection (as defined at page 37),

    Rules and Policies (as defined at pages 17, 34, 50, 52-53, and 69-70),

    a Computing Device (as defined at page 62),

a Storage Element (as defined at pages 4, 16, 29, and 53),

access permission to a SEMCARD governed by a Relationship SEMCARD (as defined at pages 46, 49, and 54).

Further, none of the references of record alone or in combination disclose or suggest the combination of limitations specified in independent claim 12, including:

a SEMCARD (as defined at pages 21, 27-28, 35-36, 41, 43, 62, and 78),

a SEMCARD Collection (as defined at page 37),

a linking SEMCARD (as defined at pages 23, 25, 30, and 32),

access permission to a SEMCARD governed by a Relationship SEMCARD (as defined at pages 46, 49, and 54).

Further, none of the references of record alone or in combination disclose or suggest the combination of limitations specified in independent claim 23, including:

a SEMCARD (as defined at pages 21, 27-28, 35-36, 41, 43, 62, and 78),

a Relationship SEMCARD (as defined at pages 46, 49, 50, and 54),

an Identity Module (as defined at page 33),

a Automations Module (as defined at page 34),

Rules and Policies (as defined at pages 17, 34, 50, 52-53, and 69-70),

a User Interface Module (as defined at pages 6, 7, 33-36, 42, 43, and 59),

accessibility rules to a SEMCARD (as defined at pages 46, 49, and 54).

Any comments considered necessary by Applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Wilbert L. Starks, Jr. whose telephone number is (571) 272-3691.

Alternatively, inquiries may be directed to the following:

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/Wilbert L. Starks, Jr./

Primary Examiner, Art Unit 2129

WLS

16 MAR 2008